

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP 03/ 15933A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl? B23K35/28, C22C21/02, F28F21/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl? B23K35/00-35/28, C22C21/00-21/18, F28F21/08Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 8-90278 A (SUMITOMO KEIKINZOKU K.K.) 1996.04.09 COLUMN3 LINE48-COLUMN 4 LINE13 TABLE1 (NO FAMILY)	1-25
X	JP 7-88682 A (FURUKAWA DENKIKOGYO K.K.) 1995.04.04 COLUMN 5 LINE 33-LINE 40 COLUMN 6 LINE 2-LINE 26 TABLE 1 (NO FAMILY)	1-25
X	US 5837388 A (THE FURUKAWA ELECTRIC CO.LTD) 1998.11.17 COLUMN 1 LINE 36-LINE 51 COLUMN 13 LINE 1-7 TABLE 2&JP 9-47893 A COLUMN 1 LINE 45-COLUMN 2 LINE 9 COLUMN 7 LINE 29-LINE 36 COLUMN 8 LINE 12-LINE 16 TABLE1	1-25

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search

31.03.2004

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13.4.2004

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